UNIVERSITY OF SARGODHA

DEPARTMENT OF SOCIOLOGY

COURSE OUTLINE SPRING 2017

Course Tittle: LOGIC AND CRITICAL THINKING

Course Code:

Credit Hours:3

Instructor: Miss Riffat Jabeen

Email:Riffu05@yahoo.com

DESCRIPTION& OBJECTIVES

*To make the students aware of logic and critical thinking and clear communication .Moreover to give them the insight and vision to understand the human wisdom.*

READINGS

“The basic philosophy” By (Nigel Warburton 4th Edition).” Thinking critically about Philosophical problems” by (Thomas F.Wall). “Deduction” by (Karamat Hussain). “Induction” by ( Karamat hussain). “Introduction to Logic” by (Irving copi).

*Write here the complete list of your course contentsin serial numbers*

“Introduction to Philosophy and its historical background”.Etymology of Philosophy .subject matter . division of Philosophy. Historical period of Philosophy.” Thinking critically about Philosophical problems”. “Definition and scope of logic”.what is logic. Aim of logic. Prts of logic .Difference between logical and Psychological reasoning .Principles of logic . Proposition .Types of proposition .Arguments. Deductive and Inductive argument .Types of arguments . The laws of logic .law of identity .Law of non contradiction .Law of excluded middle .Law of sufficient reason. Deductive reasoning . Immediate and Mediate inference. What is critical thinking. Guide line and pitfalls’ of critical thinking. Kinds of induction.Enumiration and analogy. Parity of reasoning and colligation of facts. Scientific generalization .Empirical generalization. Hypothesis.

COURSE SCHEDULE

|  |  |  |
| --- | --- | --- |
| Week | Topics and Readings*GiveReading No from your list of readings above and its Page Nos. relevant to the topic(s) covered each week* | Dates |
| 1. | Introduction to Philosophy and its historical background. | 27feb 2017 to 3march. |
| 2. | Definition, scope, aim and parts of logic. | 6Mar to 10 Mar |
| 3. | Principal of logic .Proposition .type of proposition. | 13 mar to 17 Mar |
| 4. | Arguments and type of arguments (Deductive and Inductive). | 20 mar to 24 Mar |
| 5. | Deductive reasoning. The laws of logic. | 27 mar to 31 Mar |
| 6. | Immediate and Mediate inference. | 3 April to 7 Apr |
| 7. | What is critical thinking . Guide line and pitfalls of critical thinking. | 10 April to 14 Apr |
| 8. | Mid- Term | 24 April to 29 Apr |
| 9. | Assignments. | 2 May to 5 May |
| 10. | Kinds of induction . | 8 May to 12 May |
| 11. | Enumeration and Analogy | 15 May to 19 May |
| 12. | Parity of reasoning and colligation of facts. | 22May to 26 May |
| 13. | Scientific generalization | 29May to 2 June |
| 14. | Empirical generalization | 5june to 9 June |
| 15. | Hypothesis | 12june to 16 June |
| 16. | Presentation and final term | 19june to 24 June |

*Note: You can reserve one week for sessional or mid-term exam, and, if you wish, one week for student presentations of the assigned research project*

RESEARCH PROJECT

*Assignments.*

ASSESSMENT CRITERIA

*Write here the distribution of marks. You can chose any or all from below for the purpose.*

Sessional:20

Mid term:30

Presentation: 10

Participation: 10

Final exam:50

RULES AND REGULATIONS

*Write here the rules and regulations that students have to abide by in your class. Some of these rules, for example, 80% class attendance are standards for the university.*

*FINAL NOTE: The instructions above mentioned in italics and red color are for your guidance only. Remove them while completing this course outline template.Your final course outline document should be in black color.*